

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A switch dome device for operating functions in an electronic equipment ~~[[(10)]]~~, ~~said the~~ device comprising:

a support structure;

a set plurality of switch domes ~~[[(4)]]~~ mounted in a circular pattern on a the support structure; and (5), ~~characterized in that outputs of adjacent switch domes (4) are operatively connected to inputs of a common AND circuit ~~[[(9)]]~~, wherein said switch dome device is arranged to be responsive to only two adjacent switch domes actuated at a time for operating a function.~~

an AND circuit;

wherein outputs of adjacent switch domes are connected to inputs of the AND circuit and the switch dome device is responsive to only two adjacent ones of the plurality of switch domes actuated at a time for operating a function.

2. (Currently Amended) A switch dome device according to claim 1, wherein ~~said the~~ switch domes ~~[[(4)]]~~ are about equally distributed around ~~said the~~ circular pattern with about the same distance to the centre ~~[[(8)]]~~ of ~~said the~~ circular pattern.

3. (Currently Amended) A switch dome device according to claim 1 ~~or 2~~, wherein ~~said the~~ plurality set of switch domes comprises eight switch domes ~~[[(4)]]~~.

4. (Currently Amended) An input device ~~[[(1)]]~~ for operating functions in an electronic equipment ~~[[(10)]]~~, comprising:

~~a switch dome device and a switch dome actuator (2) for actuating switch domes (4), characterized in that said switch dome device is a switch dome device according to any of the claims 1-3.~~

a support structure;

a plurality of switch domes mounted in a circular pattern on the support structure;

a switch dome actuator for actuating ones of the plurality of switch domes; and

an AND circuit;

wherein outputs of adjacent switch domes are connected to inputs of the AND circuit and the switch dome device is responsive to only two adjacent ones of the plurality of switch domes actuated at a time for operating a function.

5. (Currently Amended) An input device according to claim 4, wherein ~~said~~ the actuator ~~[[(1)]]~~ is a rocker key provided with actuator bosses ~~[[(6)]]~~ for actuating ~~said~~ switch domes ~~[[(4)]]~~.

6. (Currently Amended) An input device according to claim 4, wherein ~~said~~ the actuator ~~[[(1)]]~~ is a joystick.

7. (Currently Amended) ~~An electronic equipment, characterized by an input device (1) according to any of the claims 4-6.~~

Electronic equipment, comprising:

an input device for operating functions of the electronic equipment, comprising:

a support structure;

a plurality of switch domes mounted in a circular pattern on the support structure;

a switch dome actuator for actuating ones of the plurality of switch domes; and

an AND circuit;

wherein outputs of adjacent switch domes are connected to inputs of the AND circuit and the switch dome device is responsive to only two adjacent ones of the plurality of switch domes actuated at a time for operating a function.

8. (Currently Amended) ~~An electronic~~ Electronic equipment according to claim 7, further comprising:

a display;

wherein the switch domes ~~[[(4)]]~~ are positioned on the support structure ~~[[(5)]]~~ on 22,5/67,5/112,5/157,5/ 202,5/247,5/292,5/337,5° positions around the circular pattern with respect to the orientation of a the display ~~(11) of the electronic equipment~~ held in a position for normal operation by a user.

9. (Currently Amended) ~~An electronic~~ Electronic equipment according to claim 7 ~~or 8~~, wherein the electronic equipment is a mobile radio terminal ~~[[(10)]]~~.